ABSTRACT

A transmit signal is spread by a plurality of
spreading sections 103, 104, 105, and 106, using different
spreading codes. A selection section 107 increases the
number of spread signals to be output as the number of
retransmissions increases. By this means, a
retransmission signal spread by means of many spreading
codes is code division multiplexed. As a result,
retransmission signal error rate characteristics are
improved on the receiving side by despreading this code
division multiplexed signal using the same plurality of
spreading codes as on the transmitting side, and selecting
or combining the despreading results with the greatest
correlation power thereamong. Also, since the degree of
code multiplexing is increased proportionally as the
number of retransmissions increases, retransmission
signal error rate characteristics can be improved without
lowering spectral efficiency unnecessarily.